

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20050058855"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/12/22 15:23
S1	7	("20020021627"   "20020187368"   "20040027868")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/25 13:57
S2	1	"10572780"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/25 13:57
S3	7	("20020021627"   "20020187368"   "20040027868")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/25 15:14
S4	153	428/836.2.ccls.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/25 15:15
S5	80	428/832.1.ccls.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/25 15:15
S6	128	428/832.ccls.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/25 15:15
S7	358	S3 S4 S5 S6	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/25 15:15
S8	34	S7 and (silicon adj carbide, SiC, chromium adj oxide, CrO\$4, cerium adj oxide, CeO \$4, corundum, diamond, dlc, silicon adj nitride, SiN\$2, silicon adj carbide, SiC, titanium adj carbide, TiC, titanium adj oxide, TiO\$4, silicon adj dioxide, SiO\$4, boron adj nitride, BN).clm.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/25 15:17

S9	280	S7 and (silicon adj carbide, SiC, chromium adj oxide, CrO <sub>2</sub> , cerium adj oxide, CeO <sub>2</sub> , corundum, diamond, dlc, silicon adj nitride, SiN <sub>2</sub> , silicon adj carbide, SiC, titanium adj carbide, TiC, titanium adj oxide, TiO <sub>2</sub> , silicon adj dioxide, SiO <sub>2</sub> , boron adj nitride, BN)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/25 15:17
S10	43	S7 and ("al.sub.2O <sub>3</sub> .sub.3")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/25 15:49
S11	7	("20020021627"   "20020187368"   "20040027868")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/26 15:53
S12	153	428/836.2.ccls.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/26 15:53
S13	80	428/832.1.ccls.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/26 15:53
S14	128	428/832.ccls.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/26 15:53
S15	358	S11 S12 S13 S14	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/26 15:53
S16	280	S15 and (silicon adj carbide, SiC, chromium adj oxide, CrO <sub>2</sub> , cerium adj oxide, CeO <sub>2</sub> , corundum, diamond, dlc, silicon adj nitride, SiN <sub>2</sub> , silicon adj carbide, SiC, titanium adj carbide, TiC, titanium adj oxide, TiO <sub>2</sub> , silicon adj dioxide, SiO <sub>2</sub> , boron adj nitride, BN)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/26 15:53

S17	176	S16 and ((Y, yttria, yttrium, W, tungsten, Mg, magnesium, Al, aluminum, alumina, Zr, zirconium, zirconia, Hf, hafnium, Ti, Titanium, Ce, Cerium, Si, silicon, silica, Cr, chromium, Ni, nickel, Ta, tantalum) with oxide)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/26 15:54
S18	15	S16 and ((Y, yttria, yttrium, W, tungsten, Mg, magnesium, Al, aluminum, alumina, Zr, zirconium, zirconia, Hf, hafnium, Ti, Titanium, Ce, Cerium, Si, silicon, silica, Cr, chromium, Ni, nickel, Ta, tantalum) with (two, multiple) with oxide)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/26 15:55
S19	12	S18 and non\$1magnetic with (((seed inter intermediate onset under middle) adj layer) seed\$1layer\$1 inter \$1layer\$1 intermediate \$1layer\$1 under\$1layer \$1 onset\$1layer\$1 middle\$1layer\$1)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/26 16:01
S20	7	S19 and grain adj boundary with oxide	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/26 16:02
S21	1	(US-6689456-\$).did.	USPAT	OR	ON	2008/04/26 16:22
S22	0	S21 and Mg with oxide	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/26 16:22
S23	1	S21 and ((Y, W, Mg, Al, Zr, Hf with oxide) and (Ti, Ce, Si, Cr, Ni, Ta with oxides))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/26 16:25
S24	0	S21 and (ferromagnetic with (Y, W, Mg, Al, Zr, Hf with oxide) and (Ti, Ce, Si, Cr, Ni, Ta with oxides))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/26 16:43
S25	1	S21 and (ferromagnetic with (Y, W, Mg, Al, Zr, Hf, Ti, Ce, Si, Cr, Ni, Ta with oxides))	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/26 16:51

S26	1	(US-6689456-\$).did.	USPAT	OR	ON	2008/04/28 10:36
S27	0	S26 and Ru with underlayer	USPAT	OR	ON	2008/04/28 10:36
S28	0	S26 and Ru same underlayer	USPAT	OR	ON	2008/04/28 10:37
S29	0	S26 and Ru and underlayer	USPAT	OR	ON	2008/04/28 10:37
S30	0	S26 and Ru and under \$1layer	USPAT	OR	ON	2008/04/28 10:37
S31	0	S26 and Ru with (((seed inter intermediate onset under middle) adj layer) seed\$1layer\$1 inter \$1layer\$1 intermediate \$1layer\$1 under\$1layer \$1 onset\$1layer\$1 middle\$1layer\$1)	USPAT	OR	ON	2008/04/28 10:38
S32	0	S26 and Ru same (((seed inter intermediate onset under middle) adj layer) seed\$1layer\$1 inter \$1layer\$1 intermediate \$1layer\$1 under\$1layer \$1 onset\$1layer\$1 middle\$1layer\$1)	USPAT	OR	ON	2008/04/28 10:38
S33	0	S26 and Ru and (((seed inter intermediate onset under middle) adj layer) seed\$1layer\$1 inter \$1layer\$1 intermediate \$1layer\$1 under\$1layer \$1 onset\$1layer\$1 middle\$1layer\$1)	USPAT	OR	ON	2008/04/28 10:38
S34	1	S26 and (((seed inter intermediate onset under middle) adj layer) seed\$1layer\$1 inter \$1layer\$1 intermediate \$1layer\$1 under\$1layer \$1 onset\$1layer\$1 middle\$1layer\$1)	USPAT	OR	ON	2008/04/28 10:38
S35	7	("20020021627"   "20020187368"   "20040027868")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/28 11:36
S36	153	428/836.2.ccls.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/28 11:36

S37	80	428/832.1.ccls.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/28 11:36
S38	128	428/832.ccls.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/28 11:36
S39	358	S35 S36 S37 S38	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/28 11:36
S40	280	S39 and (silicon adj carbide, SiC, chromium adj oxide, CrO\$4, cerium adj oxide, CeO \$4, corundum, diamond, dlc, silicon adj nitride, SiN\$2, silicon adj carbide, SiC, titanium adj carbide, TiC, titanium adj oxide, TiO\$4, silicon adj dioxide, SiO\$4, boron adj nitride, BN)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/28 11:36
S41	15	S40 and ((Y, yttria, yttrium, W, tungsten, Mg, magnesium, Al, aluminum, alumina, Zr, zirconium, zirconia, Hf, hafnium, Ti, Titanium, Ce, Cerium, Si, silicon, silica, Cr, chromium, Ni, nickel, Ta, tantalum) with (two, multiple) with oxide)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/28 11:36
S42	3	S41 and (Ru, ruthenium) same (soft with under\$1layer)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/28 11:39
S43	5	S41 and (Ru, ruthenium) and (soft with under\$1layer)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/28 11:48
S44	29260	Nakazawa.in.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/28 13:25
S45	9	Iwaskai.in.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/28 13:26
S46	0	S45 and magnetic adj recording	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/28 13:26
S47	50951	Iwasaki.in.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/28 13:27

S48	805	S47 and magnetic adj recording	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/28 13:27
S49	91	S48 and perpendicular. clm.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/28 13:27
S50	10	S49 and (grain adj boundary).clm.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/28 13:28
S51	29	S49 and oxide.clm.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/28 13:28
S52	6	S50 and oxide.clm.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/28 13:28
S53	2	"20070042227"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/04/28 13:40
S54	4	"7183011"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/16 17:09
S55	3	"11135750"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/16 17:41
S56	2	"20050058855"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/16 17:53
S57	2	"20070042227"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/16 17:57

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